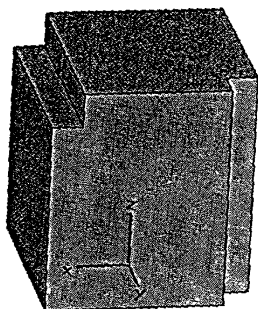
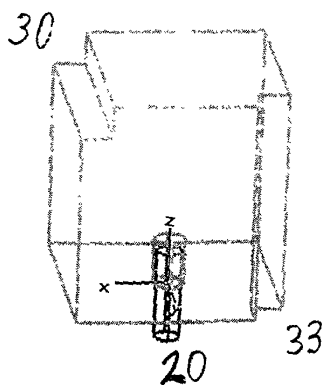


0307376-11401



10

(a)



10

(b)

Figure 1.

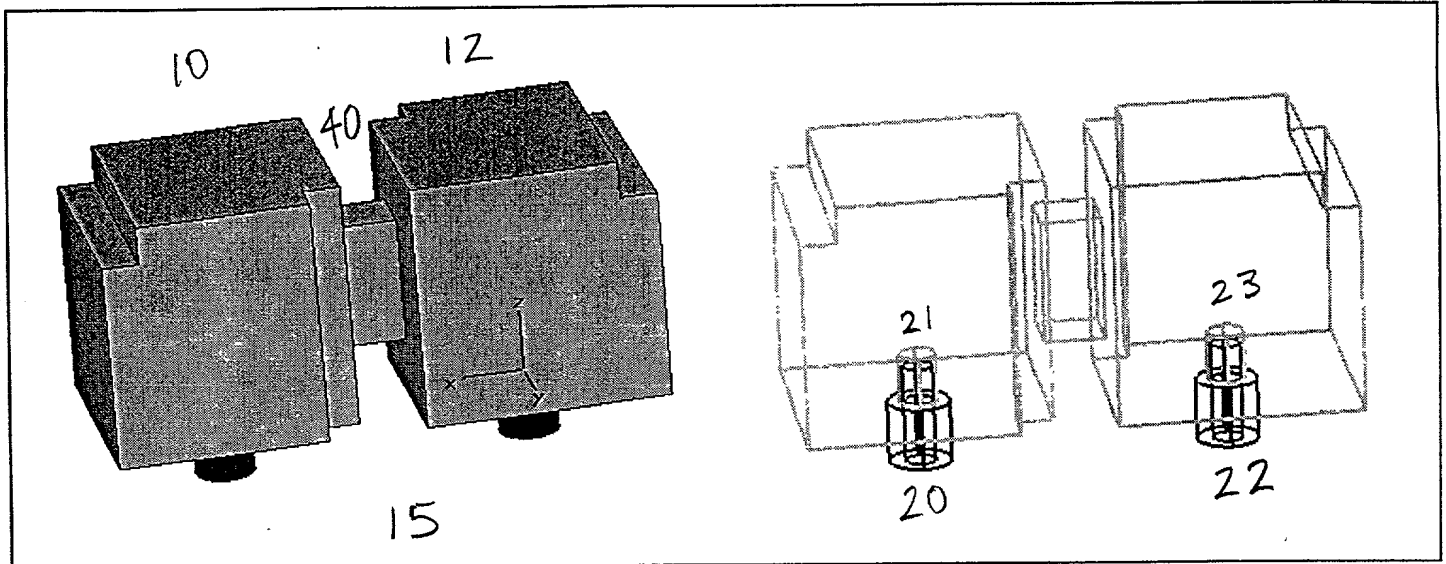


Figure 2.

009276-1401
FOUO 9/2/2000

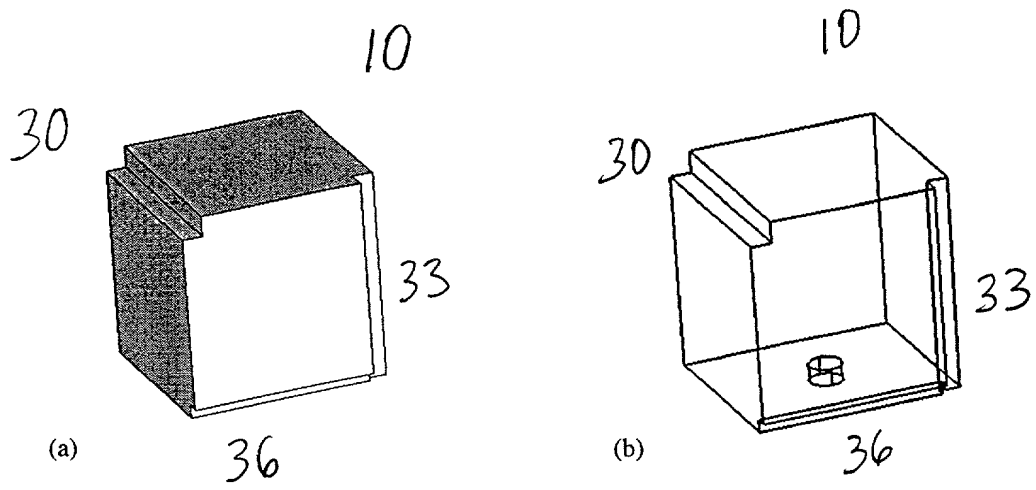


Figure 3.

FOUO 92E28860

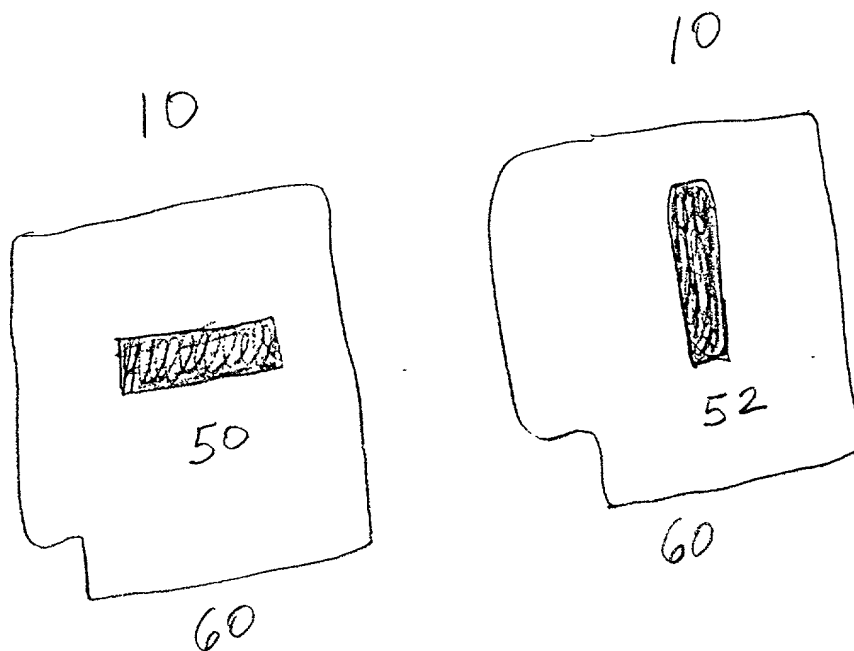
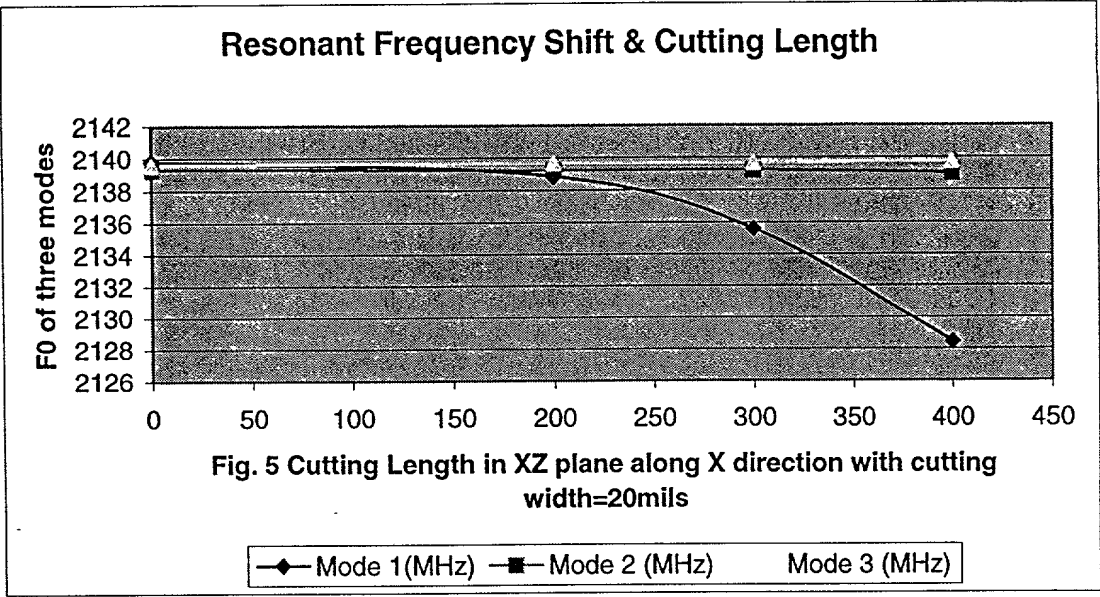
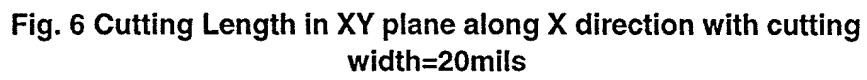
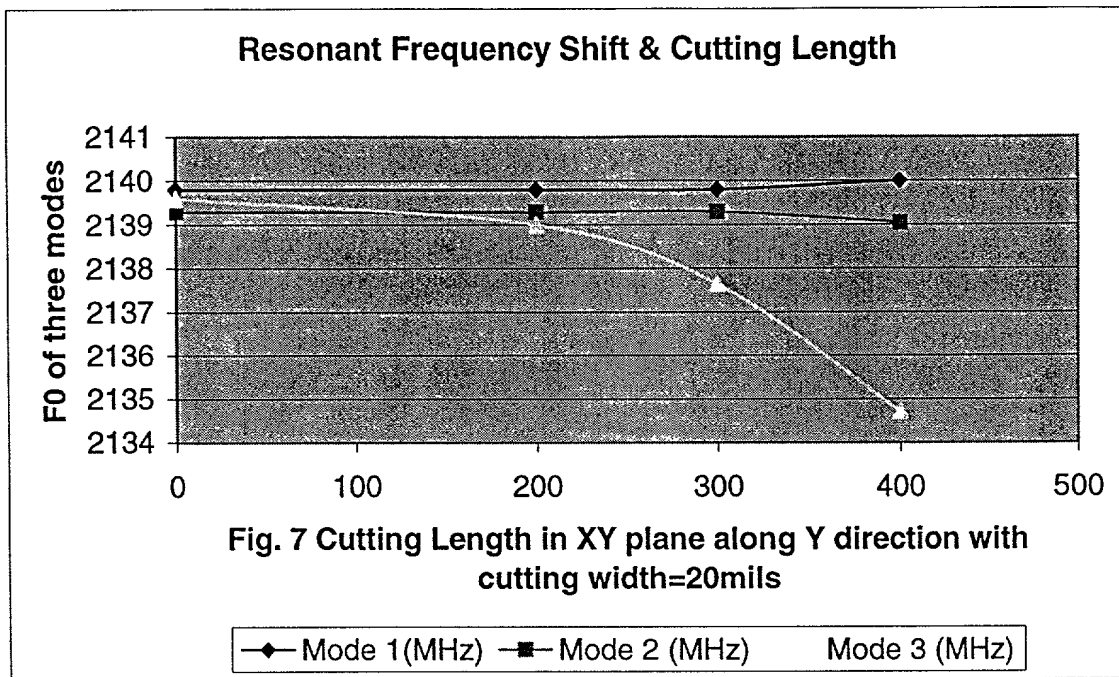


Figure 4



[illegible]

—◆— Mode 1 (MHz) —■— Mode 2 (MHz) Mode 3 (MHz)



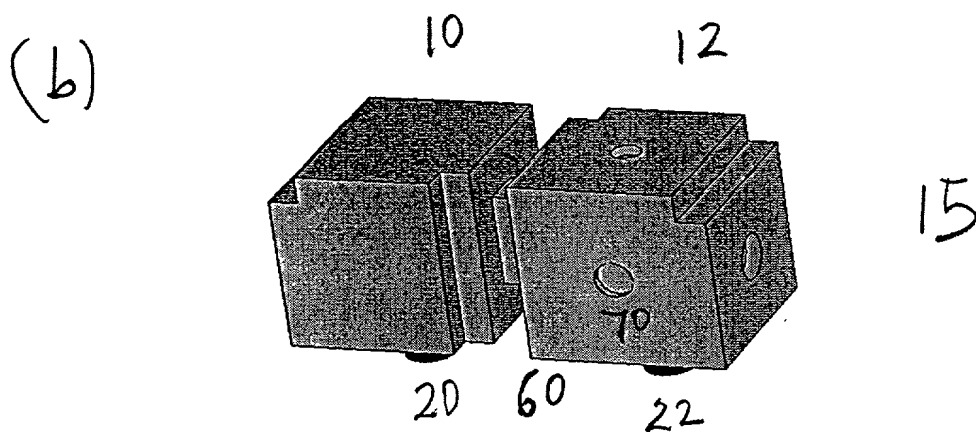
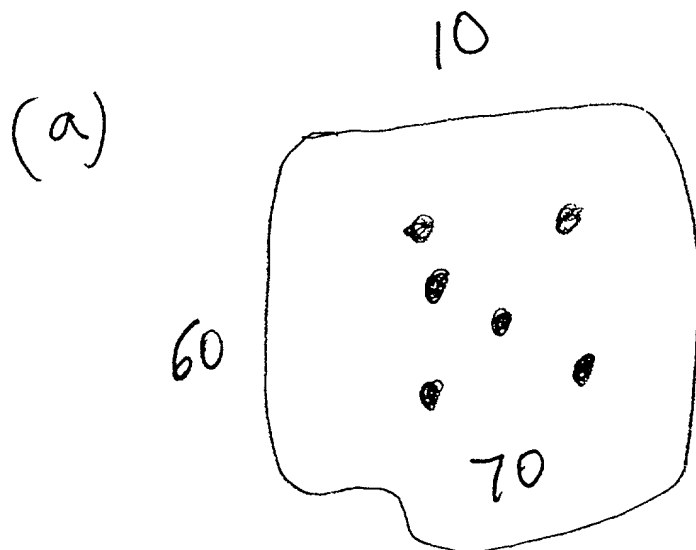


Figure 8

Resonant Frequency Shift & Cutting Numbers

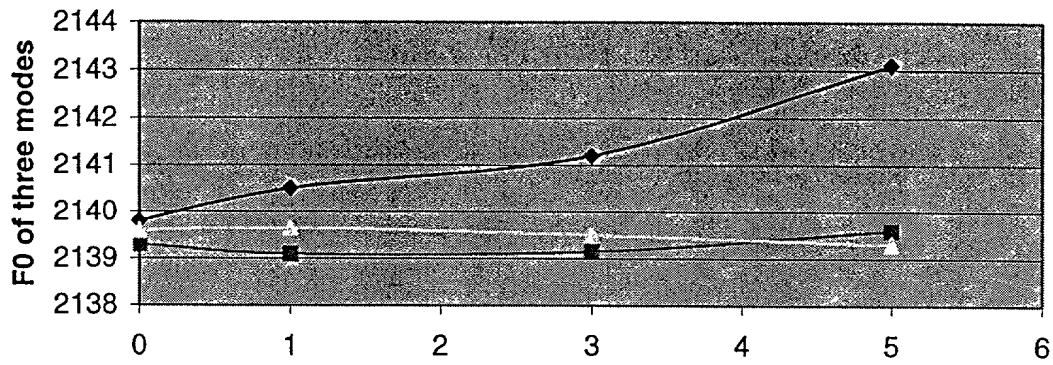
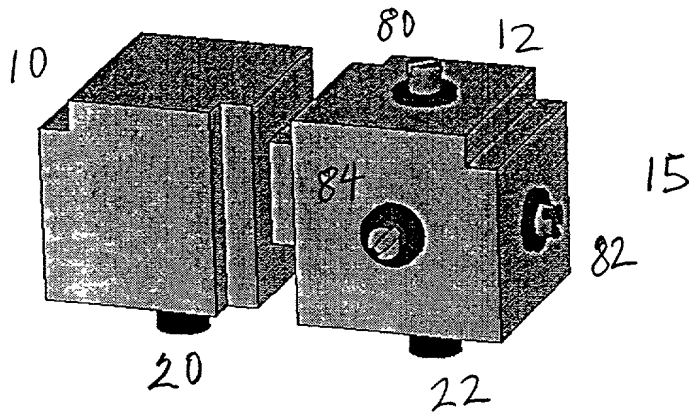


Fig. 9 Number of Circles Cutting in XY plane with cutting diameter=40mils

Mode 1(MHz) Mode 2 (MHz) Mode 3 (MHz)

00007376-11404

(a)



(b)

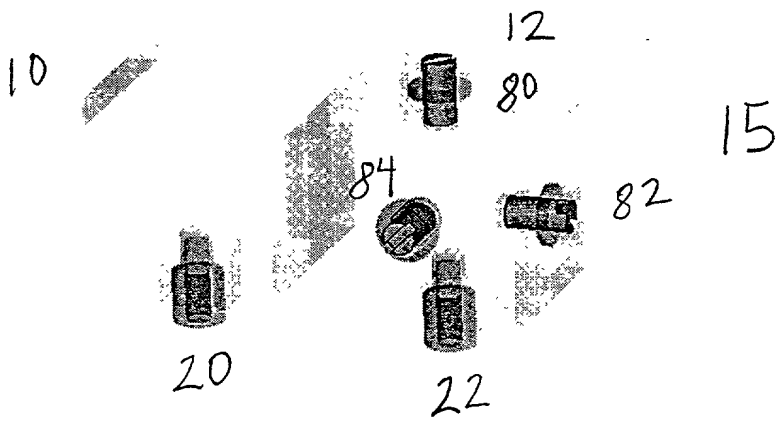


Figure 10.

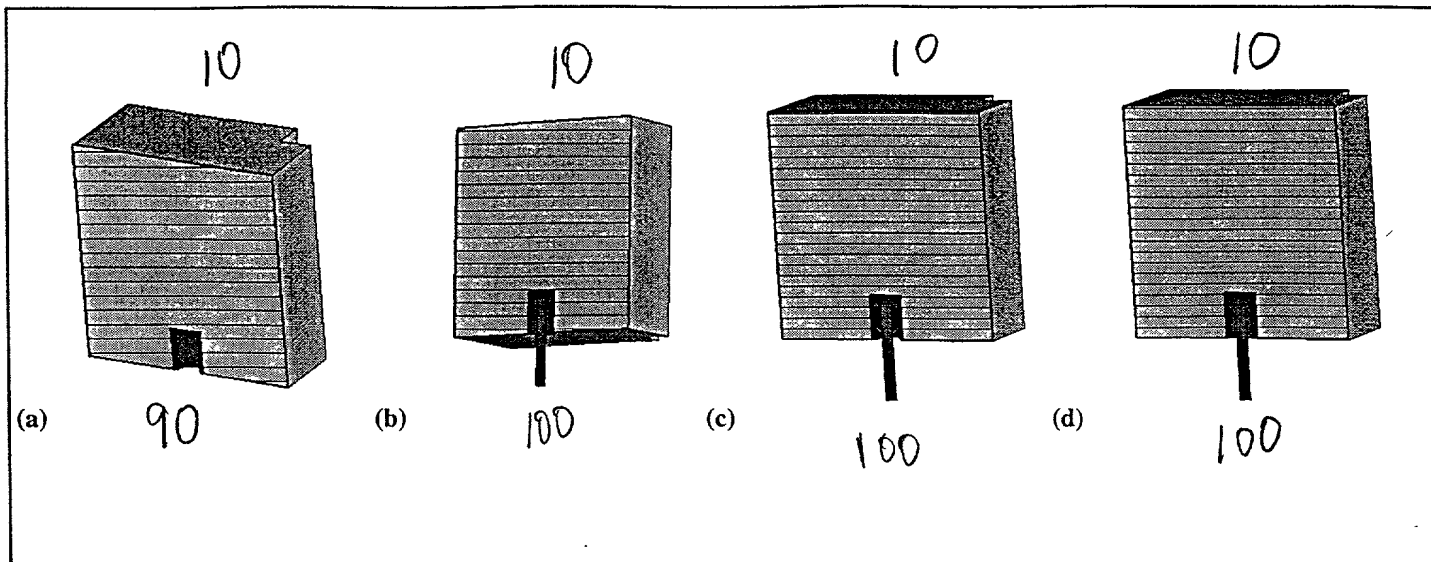


Figure 11.

09087376-111404
FOUO 9/2/86

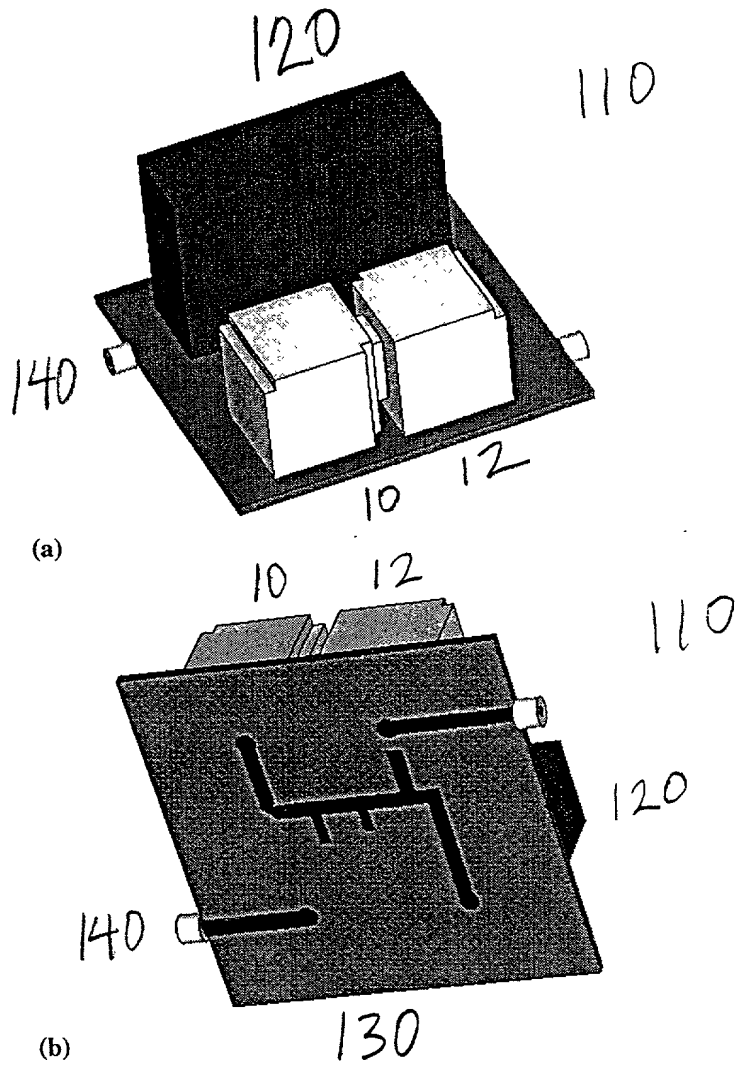


Figure 12.

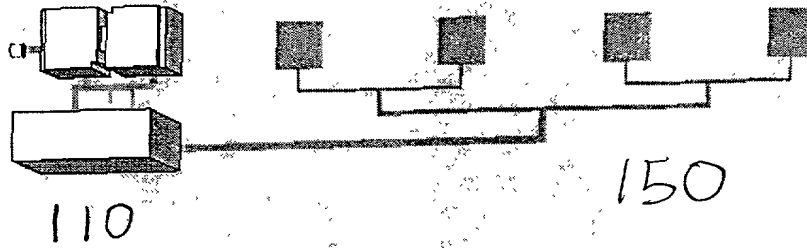


Figure 13.

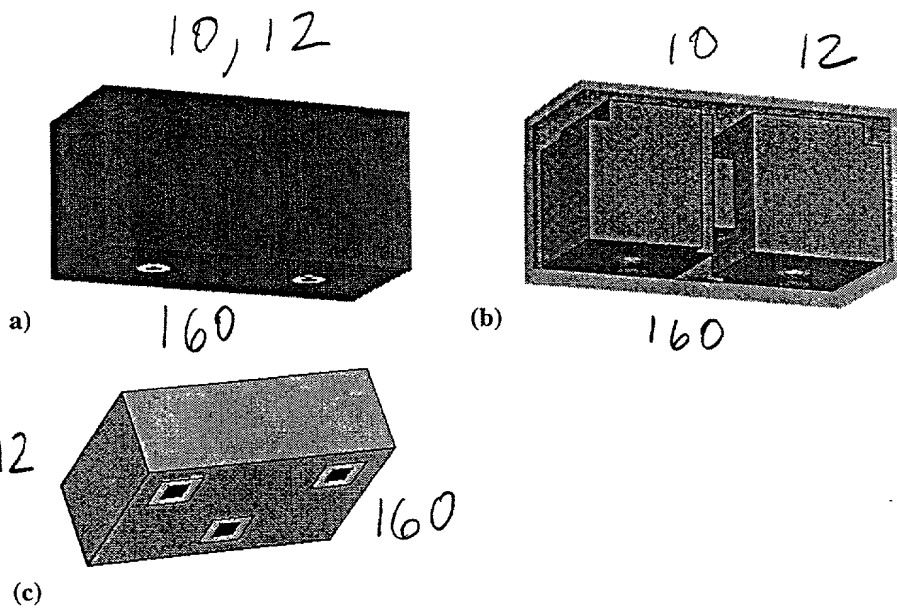


Figure 14.

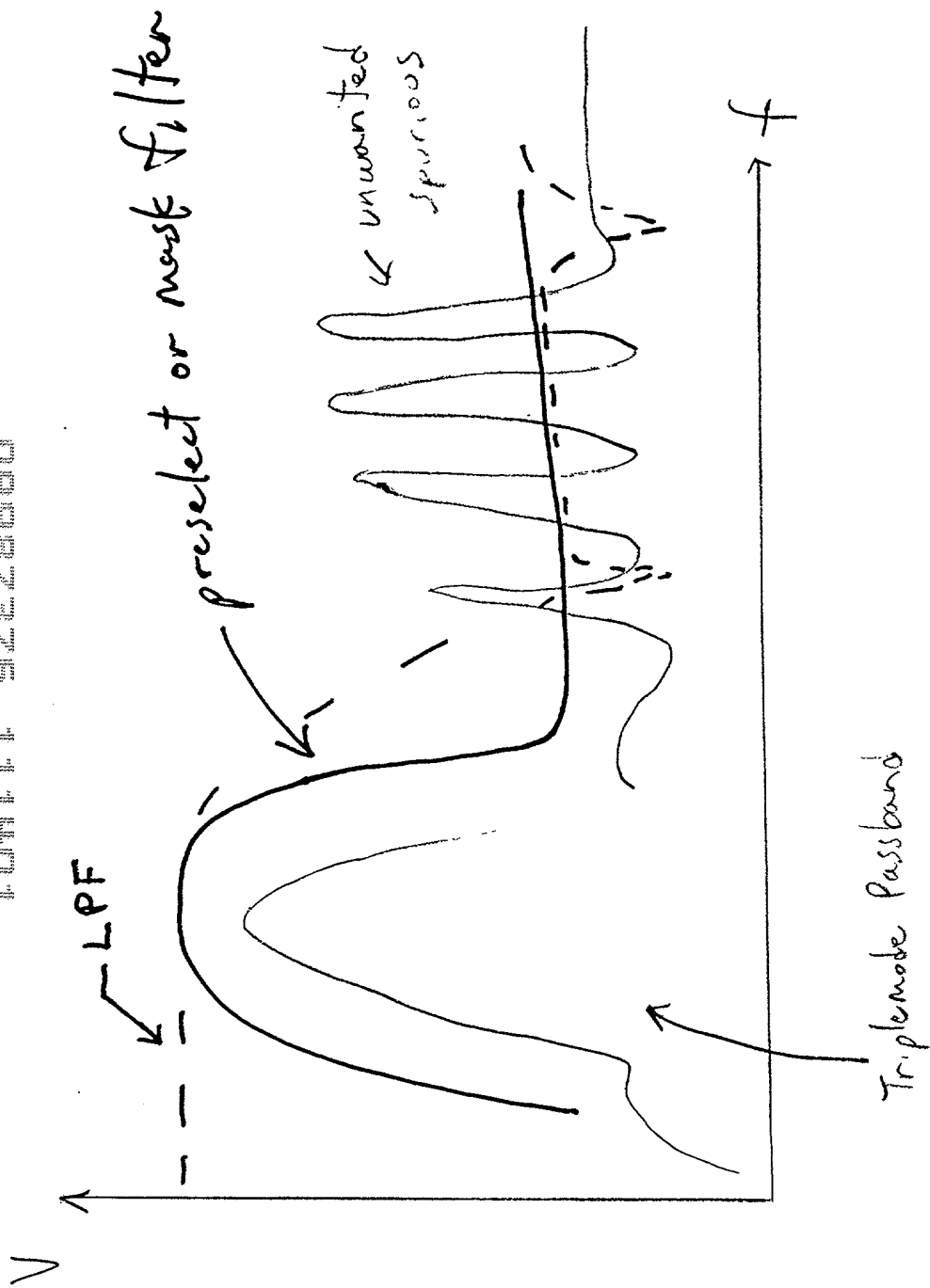


Figure 15

TOP SECRET

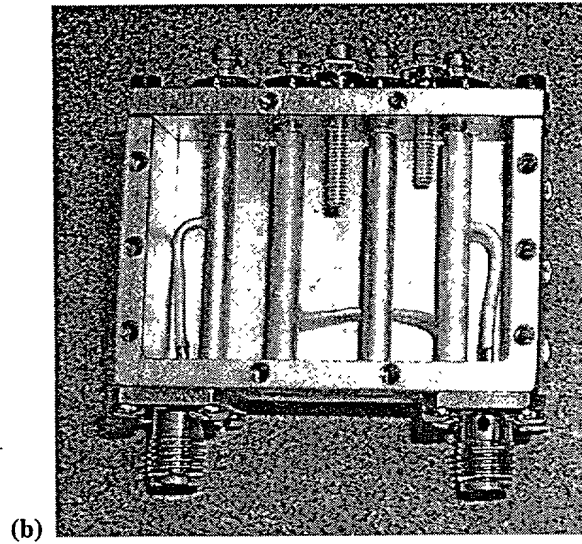
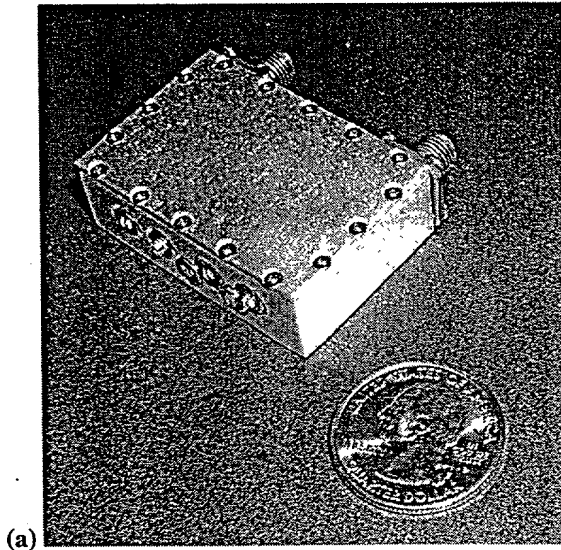


Figure 16.